

Technical sheet :

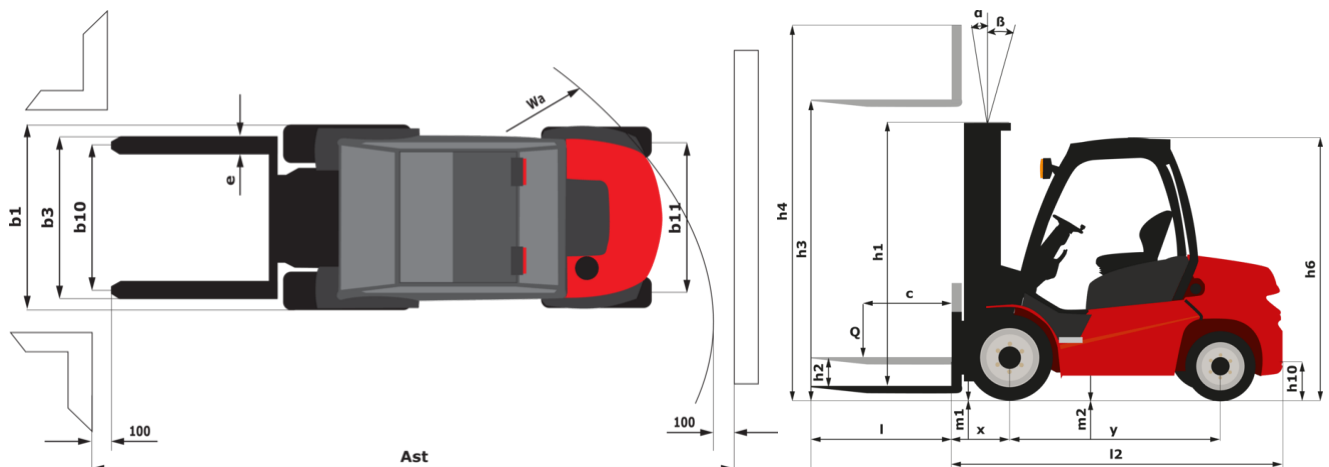
MSI 25 3B - FT4



 **MANITOU**
HANDLING YOUR WORLD

	Technical characteristics		Metric
1.1	Manufacturer		Manitou
1.2	Model Name		MSI 25 3B / FT4
1.3	Power source		Diesel
1.4	Operator type		Seated
1.5	Max. capacity	Q	2500 kg
1.6	Load center of gravity	c	500 mm
1.8	Load distance, centre of drive axle to fork	x	625 mm
1.9	Wheelbase	y	180 mm
	Weight		
2.1	Service weight		4070 kg
2.2	Weight on front axle (laden) / rear axle (laden)		5695 kg / 875 kg
2.3	Weight on front axle (Unladen) / rear axle (Unladen)		1630 kg / 2440 kg
	Wheels		
3.1	Tires type		Pneumatic
3.2	Dimensions of front wheels		275/70 R22,5
3.3	Dimensions of rear wheels		7.00x12 14PR
3.5	Number of front wheels / rear wheels		2 / 2
3.5.2	Number of drive wheels		2
3.6	Front wheel gauge	b10	1040 mm
3.7	Rear wheel gauge	b11	1102 mm
	Dimensions		
4.8	Seat height/stand height	h7	1025 mm
4.12	Height of towing bar (coupling height)	h10	310 mm
4.19	Overall length	l1	4045 mm
4.20	Length to face of forks	l2	2945 mm
4.21	Overall width	b1	1323 mm
4.22	Forks section / width / length	s / e / l	40 mm x 100 mm x 1100 mm
4.23	Fork carriage ISO 2328 (class/form) A/B		2A
4.24	Fork carriage width	b3	1260 mm
4.31	Ground clearance below mast	m1	270 mm
4.32	Ground clearance at centre of wheelbase	m2	260 mm
4.33	Aisle Width for pallets 1000 x 1200 crossways	Ast	4525 mm
4.34	Aisle width for 800 x 1200 pallet lengthways	Ast	4625 mm
4.35	Turning radius	Wa	2545 mm
4.36	Internal turning radius (over tyres)	b13	150 mm
	Performances		
5.1	Travel speed (laden / unladen)		20 km/h-20 km/h
5.2	Lifting speed (laden / unladen)		0.40 m/s-0.50 m/s
5.3	Lowering speed (laden / unladen)		0.50 m/s-0.40 m/s
5.5	Drawbar pull (Laden / Unladen)		2280 daN / 1370 daN
5.7	Gradeability (laden / unladen)		31 % / 32 %
5.10	Service brake		Hydraulic
	Engine		
6.1	Drive motor rating S2 60 min		48.60 kW
7.1	Engine brand / model		Kubota / V2403 CR TE4
7.2	Engine power according to ISO 1585		48.60 kW
7.3	Rated speed		2700 rpm
7.4	Number of cylinders / Capacity of cylinders		4 - 2434 cm³
	Miscellaneous		
8.1	Type of drive control		Hydraulic
8.2	Working hydraulic pressure for attachments		170 bar
8.3	Oil flow rate for attachments		45 l/min

MSI 25 3B - FT4 - Dimensional drawing



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